

Spring Offerings

EEB & Biology Major Electives

Courses in bold satisfy the Writing Emphasis requirement. Courses in italics satisfy the Field Component. Courses marked with a * satisfy the lab component. Courses with a ^ might be offered as an iCourse. Students may only use a course once within their major electives. Courses listed on this sheet may not necessarily be offered every semester. All pre-requisites must be met prior to enrolling. This list shows courses that are typically offered. Some courses may not be available.

ECOLOGY, EVOLUTION, & BEHAVIOR (EEB)

ANTH 364 - Natural History of our Closest Relatives
ANTH 472 - Zooarchaeology & Taphonomy: Lab Methods*
ECOL 330 - Evolution of Animal Form & Function
ECOL 406R - Conservation Biology
ECOL 409 - Evolution of Infectious Disease^
ECOL 426 - Population Genetics
ECOL 475 - Freshwater & Marine Algae^*
ECOL 480 - Math Models in Biology
ENTO 407 - Insect Biology
ENVS 477 - Ecotoxicology
GEOS 308 - Paleontology
GEOS 497C - Dendrochronology
NROS 381 - Animal Brains, Signs, Sex, & Social Behaviors
RNR 316 - Natural Resources Ecology
RNR 355 - Introduction to Wildland Fire
WFSC 445 - Population Ecology*
WFSC 447 - Wildlife Conservation Behavior^
WFSC 454 - Water Harvesting

MOLECULAR & CELLULAR BIOLOGY (MCB)

ENVS 477 - Ecotoxicology
MCB 416A - Stats Bioinformatics & Genomic Analysis (Even)
MCB 473 - Recombinant DNA Methods & Applications*
MIC 433 - Medical & Molecular Virology
NROS 310 - MCB of Neurons
NROS 430 - Neurogenetics
PLP 428R - Microbial Genetics Lecture^
PLP 428L - Microbial Genetics Lab*
PSIO 404 - Advanced Topics in Cellular PSIO
PSIO 484 - Cardiovascular Muscle Biology & Disease

ORGANISMAL

MACRO
ACBS 400B - Animal Anatomy & PSIO
ACBS 403R - Biology of Animal Parasites
ACBS 443 - Research Animal Methods*
ACBS 456 - Aquaculture
ANTH 472 - Zooarchaeology & Taphonomy: Lab Methods*
ECOL 330 - Evolution of Animal Form & Function
ECOL 475 - Freshwater & Marine Algae^*
*ECOL 483 - Herpetology (Even)**
ENTO 405 - Aquatic Entomology
ENTO 457 - Medical & Veterinary Entomology
MATH 481 – Mathematical Modeling of Fluid Flow Through & Around Organs & Organisms***
NROS 381 - Animal Brains, Signals, Sex & Social Behavior
PLS 360 - Plant Growth and PSIO^
MICRO
ACBS 403R - Biology of Animal Parasites
ACBS 406 - Diseases of Companion Animals
ECOL 409 - Evolution of Infectious Disease^
ENVS 425 - Environmental Microbiology^
MATH 481 – Mathematical Modeling of Fluid Flow Through & Around Organs & Organisms***
MIC 328R - Microbial PSIO
MIC 433 - Medical & Molecular Virology
PLP 428R - Microbial Genetics Lecture^
PLP 428L - Microbial Genetics Lab*
PLS 333 - General Virology (Even)
PLS 424R - Plant Biotechnology

GENETICS

ECOL 346 - Bioinformatics*
ECOL 426 - Population Genetics
MCB 416A - Stats Bioinformatics & Genomic Analysis (Even)
MCB 473 - Recombinant DNA Methods & Applications*
NROS 430 - Neurogenetics
PLP 428R - Microbial Genetics Lecture^ PLP 428L - Microbial Genetics Lab*
PLS 312 - Animal & Plant Genetics*
PLS 340L - Biotechnology Laboratory*
PLS 449A - Plant Genetics and Genomics

PHYSIOLOGY (PSIO)

ACBS 400B - Animal Anatomy & PSIO
ECOL 330 - Evolution of Animal Form & Function
MIC 328R - Microbial PSIO
PLS 360 - Plant Growth & PSIO^
PSIO 380 - Fundamentals of Human PSIO
PSIO 404 - Advanced Topics in Cellular PSIO
PSIO 420 - Exercise & Environmental PSIO
PSIO 425 - Measurement & Evaluation of PSIO Function*
PSIO 450 - Respiratory Physiology
PSIO 469 - Human Reproductive PSIO
PSIO 484 - Cardiovascular Muscle Biology & Disease

SCIENCE & SOCIETY

ECOL 406R - Conservation Biology
ECOL 409 - Evolution of Infectious Disease^
EPID 309 - Intro to Epidemiology^
HPS 387 - Health Disparities/Minority Health^
LAW 459 - Public International Environmental Law^
MCB 404 - Bioethics^
PA 321 - Medical Ethics^
PHIL 347 – Neuroethics^
PHP 305 - Population Health in Digital Age^
PHP 308 - Community Health Ed/Disease Outbreaks^
PLS 424R - Plant Biotechnology
PSIO 411 - Scientific Methods/Professional Ethics

PSIO 404, 411, 420, 425, 450, 468, and 484 are for PSIO majors and minors only. Please follow up with the PSIO department to determine if seats are available to non-majors.

***MATH 481 may satisfy Micro or Macro-organismal requirements for the Biomedical Science emphasis, but not both.